



Smart Cities and Data-Driven Energy Policy

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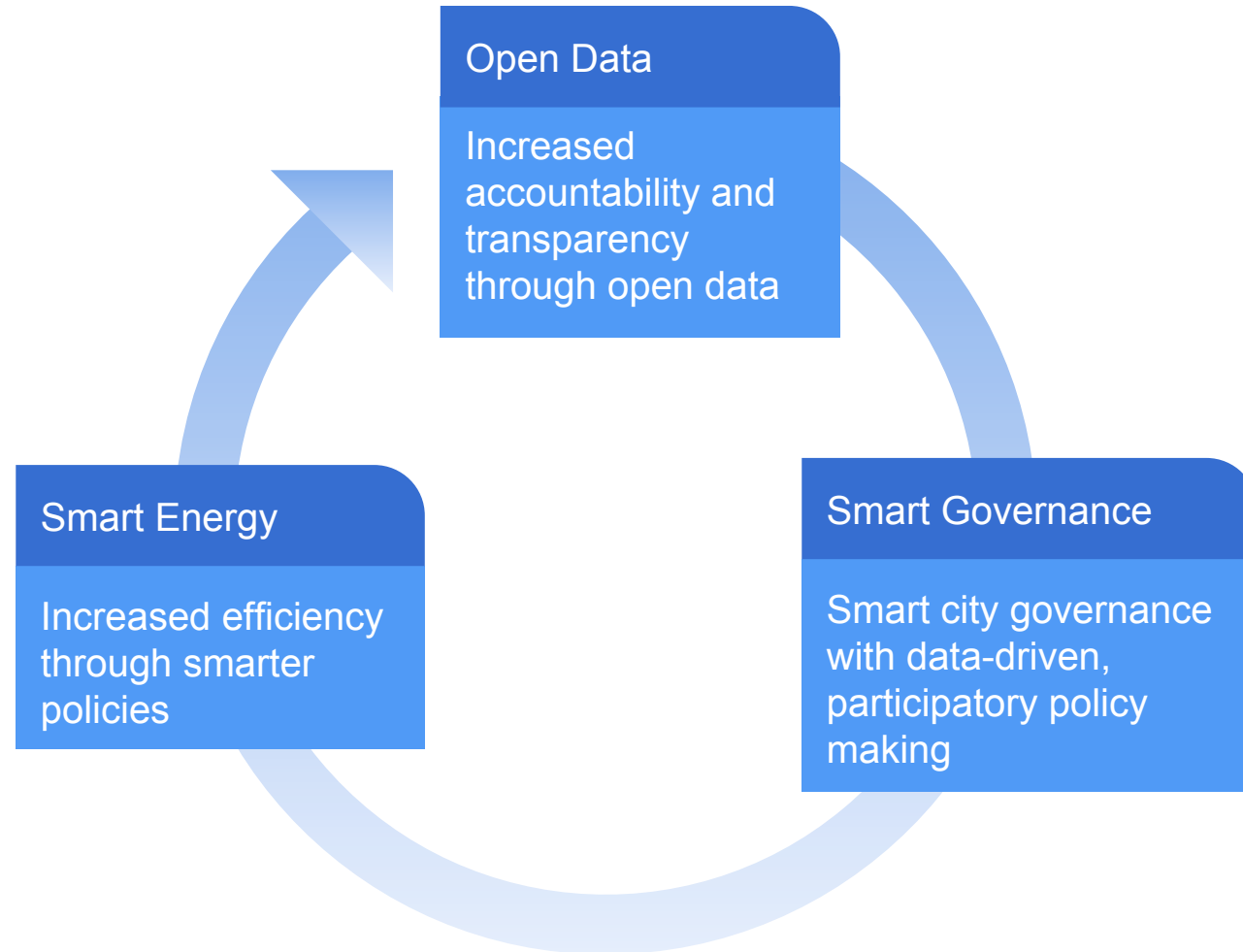
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What is a smart city?



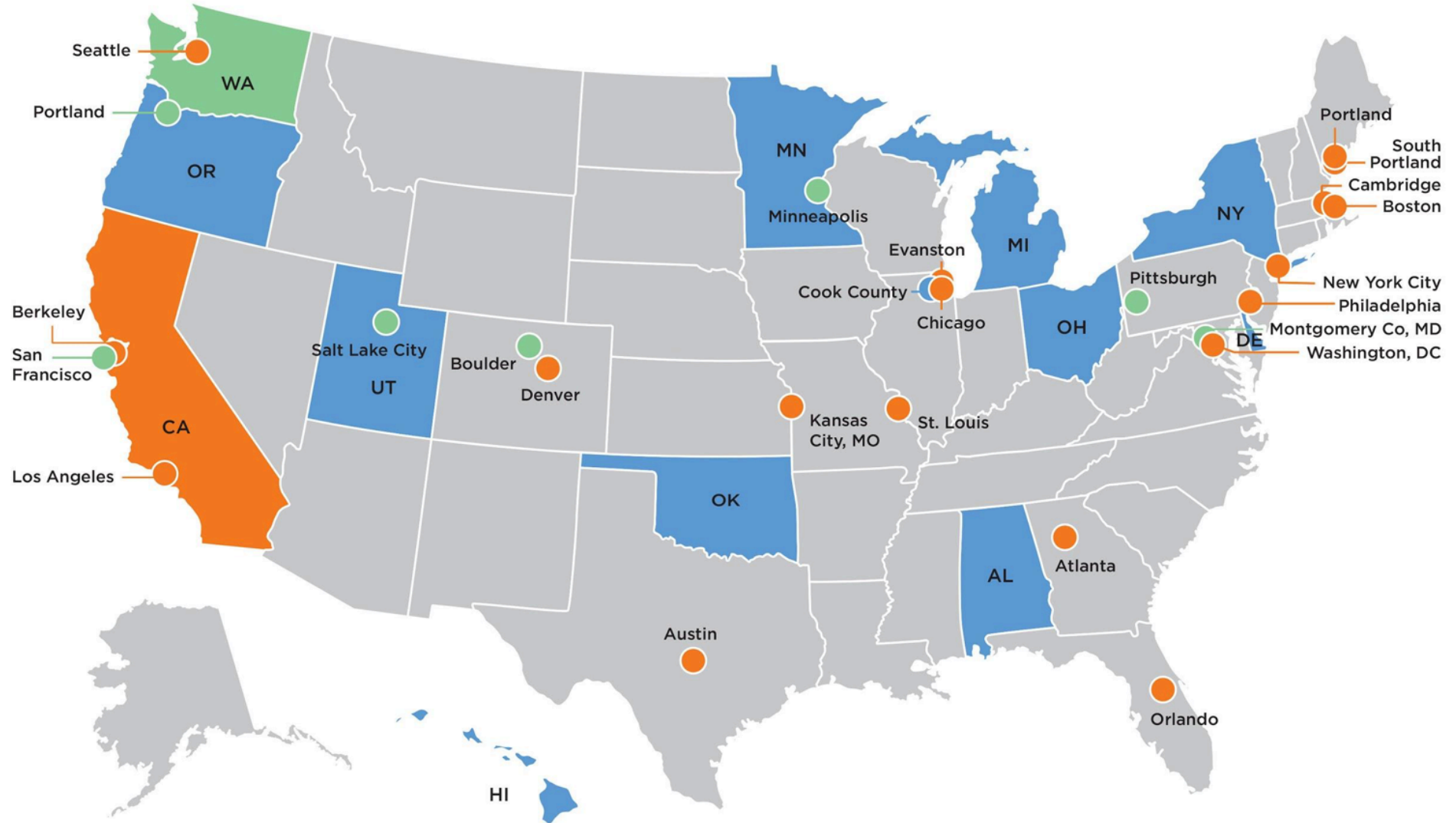
The role of data in smart cities and energy policy



Benchmarking

Measuring and comparing performance of similar objects in order to encourage better performance.

U.S. Building Benchmarking and Transparency Policies

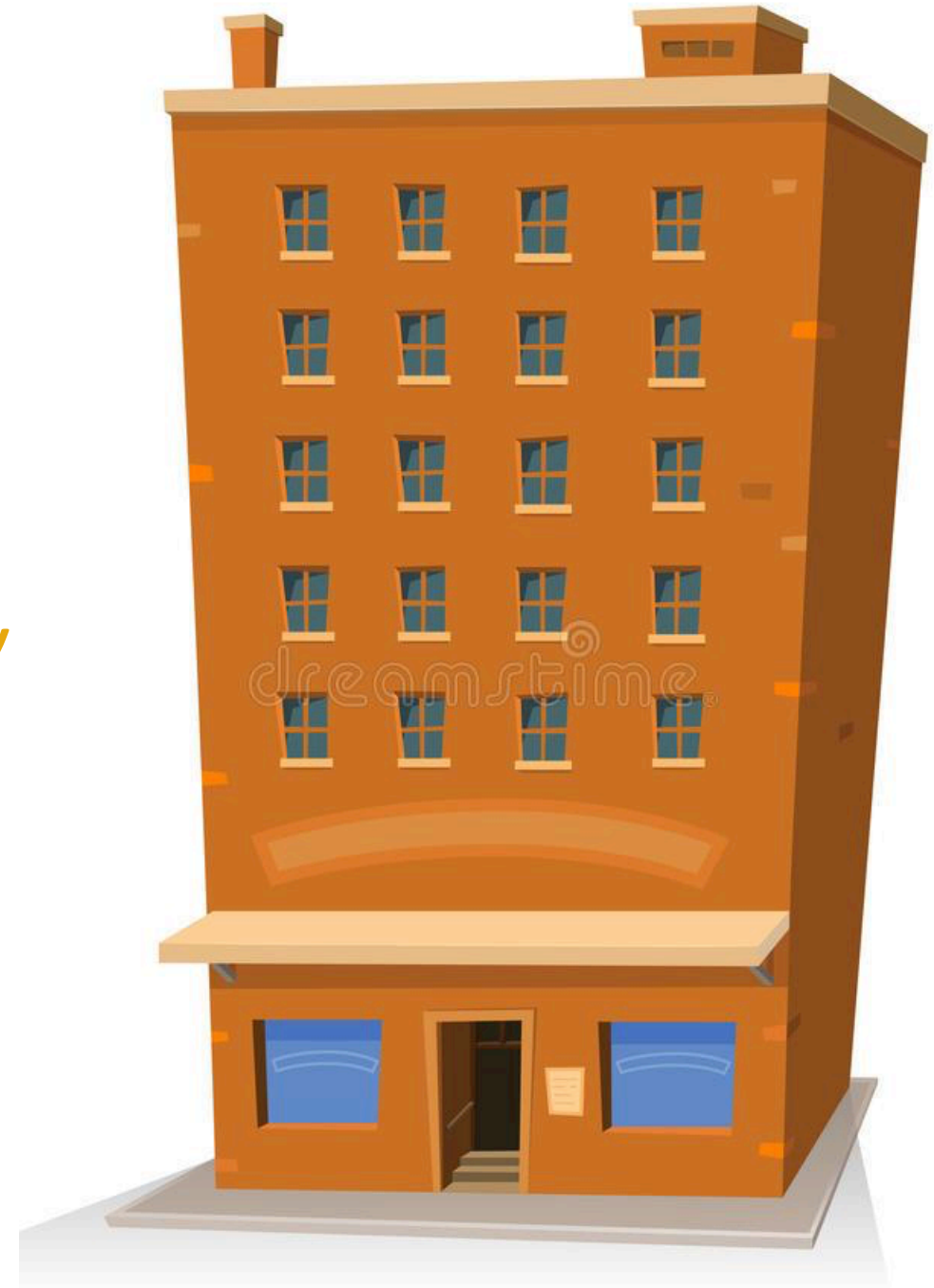


- Public, commercial, and multifamily building benchmarking policy adopted
- Public and commercial building benchmarking policy adopted
- Public buildings benchmarked



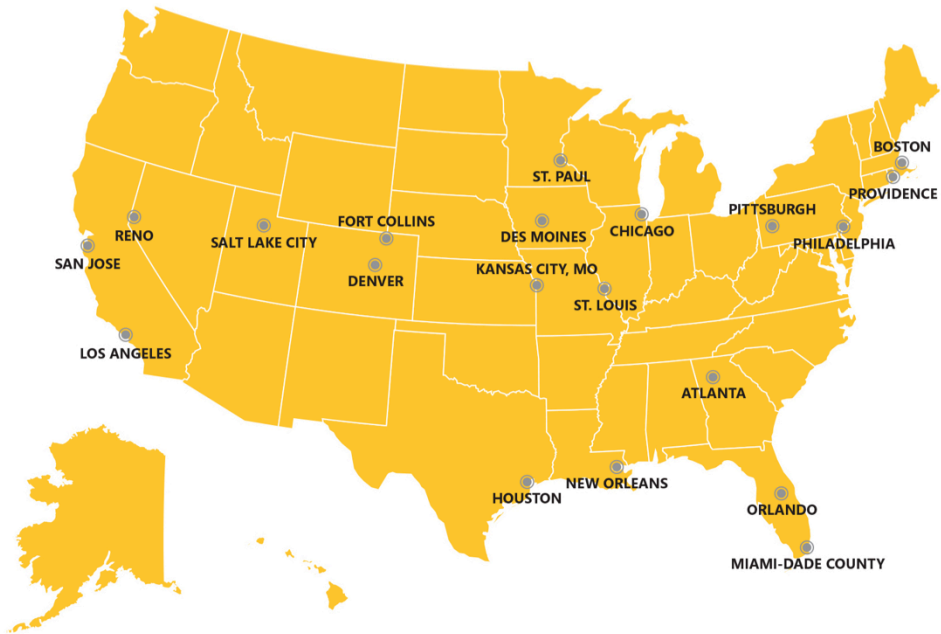
*On average, buildings that benchmark their energy usage reduce their energy consumption by **2.4% each year.***

- U.S. Dept of Energy



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City Energy Project

20 U.S. cities

Phase 1 - 2014

Phase 2 - 2016

NRDC + IMT

Bloomberg Philanthropies

Doris Duke Charitable Foundation

The Kresge Foundation



Evolution of energy efficiency initiatives in Atlanta



Methodology

- *Mapping evolution of relevant policies and programs over time*
- *Content analysis of policy and planning documents*
- *Audit of available energy data*
- *Structured interviews with stakeholders (policymakers, energy experts, city planners, network staff, etc.)*
- *Workshop with key stakeholders for knowledge sharing and data gathering*

Questions?